

What is claimed is

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1. A golf club head comprising:
a face portion formed by using a plate-like metal member
subjected to rolling, the face portion having a thick-walled
portion and a thin-walled portion.
 2. The golf club head according to claim 1, wherein the
thick-walled portion is smoothly connected to the thin-walled
portion.
 3. The golf club head according to claim 1, wherein a change
from the thick-walled portion to the thin-walled portion is
gentler in a direction perpendicular to a rolling direction than
in the rolling direction.
 4. The golf club head according to claim 1, wherein the
thick-walled portion and the thin-walled portion are formed by
a change of a reverse surface of the face portion, and there
is a difference in thickness of 10% or more between the
thick-walled portion and the thin-walled portion.
 5. The golf club head according to claim 1, wherein the face
portion is formed by using the plate-like metal member subjected
to rolling and whose central portion is thick-walled and whose
peripheral portion is thin-walled.

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6. The golf club head according to claim 1, wherein the metal member is subjected to rolling in a state in which a rolling direction of the metal member for making up the face member is set to a short-dimension direction of the face member.

7. The golf club head according to claim 5, wherein the plate-like metal member subjected to rolling is subjected to machining to make the central portion thick-walled and make the peripheral portion thin-walled.

8. The golf club head according to claim 5, wherein the thin-walled portion is formed such that closer to a peripheral side of the metal member, the thinner.

9. The golf club head according to claim 1, wherein the thick-walled portion and the thin-walled portion are formed in the face by forging the metal plate subjected to rolling.

10. The golf club head according to claim 5, wherein the face is subjected to rolling in a top-sole direction, and the central portion thereof is formed to be thick-walled.

11. The golf club head according to claim 1, wherein the thin-walled portion has a direction of its crystal grains

of the face member, which is located around a central portion of the reverse surface of the face member, is shaved down so that the central portion of the face member becomes thick, and a peripheral edge portion of the face member in which the peripheral portion around the central portion has been thinned is welded to a head body.

17. The golf club head according to claim 16, wherein a maximum height of the surface roughness of the peripheral portion of the reverse surface of the face member is 30 μm or less.

18. The golf club head according to claim 16, wherein a fringe surface for welding is formed at the peripheral edge portion of the reverse surface of the face member by machining.

19. The golf club head according to claim 18, wherein a maximum height of the surface roughness of the fringe surface for welding is 30 μm or less.